

1           **VI. CLAIMS**

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3           What is claimed is:

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5           1.     A portable grooming machine, comprising

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7           a)     a housing;

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9           b)     a motor assembly and an electrically powered drive member  
10          mounted inside said housing;

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12          c)     a power cord assembly removably connected to said housing;  
13          and

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15          d)     a first head means removably secured upon said housing for  
16          cutting hair while vacuuming said hair into said housing, said first head  
17          means comprising a first cutter with a first coupling element that when  
18          assembled are housed within said first head means; said first coupling  
19          element transmits a first drive motion to said first cutter, said first coupling  
20          element is adapted to be set in a reciprocating motion by said electrically  
21          powered drive member and said first drive motion is transmitted to said  
22          first cutter.

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24          2.     The portable grooming machine set forth in claim 1, further  
25          characterized in that said housing comprises first and second faces having  
26          a plurality of tracks, said plurality of tracks receiving rails extending from a  
27          guard that extends above said first head means in an extended position  
28          and below said first head means in a retracted position.

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2           3.     The portable grooming machine set forth in claim 2, further  
3 comprising a second head means removably secured upon said housing for  
4 shaving hair, said second head means comprising a second cutter with a  
5 second coupling element that when assembled are housed within said  
6 second head means, said second coupling element transmits a second drive  
7 motion to said second cutter, said second coupling element is adapted to be  
8 set in said reciprocating motion by said electrically powered drive member  
9 and said second drive motion is transmitted to said second cutter.

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11           4.     The portable grooming machine set forth in claim 3, further  
12 comprising a third head means removably secured upon said housing for  
13 clipping hair, said third head means comprising a third cutter with a third  
14 coupling element that when assembled is housed within said third head  
15 means, said third coupling element transmits said second drive motion to  
16 said third cutter, said third coupling element is adapted to be set in said  
17 reciprocating motion by said electrically powered drive member and said  
18 second drive motion is transmitted to said third cutter.

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20           5.     The portable grooming machine set forth in claim 4, further  
21 comprising a fourth head means removably secured upon said housing for  
22 tooth brushing, said fourth head means comprising a circular tooth brush  
23 means having an engaging pin to said electrically powered drive member  
24 transmitting either said first drive motion or said second drive motion.

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26           6.     The portable grooming machine set forth in claim 5, further  
27 comprising a fifth head means removably secured upon said housing for  
28 vacuuming, said fifth head means being substantially hollow to receive

1 matter therethrough when said electrically powered drive member is  
2 engaged in said first drive motion.

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4 7. The portable grooming machine set forth in claim 6, further  
5 comprising a sixth head means removably secured upon said housing for  
6 massaging, said sixth head means comprising a massage pad with a fourth  
7 coupling element, said fourth coupling element transmits either said first  
8 drive motion or said second drive motion to said massage pad, said fourth  
9 coupling element is adapted to be set in said reciprocating motion by said  
10 electrically powered drive member.

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12 8. The portable grooming machine set forth in claim 7, further  
13 characterized in that said housing has first and second switches, said first  
14 switch engaging said first drive motion and said second switch engaging  
15 said second drive motion.

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17 9. The portable grooming machine set forth in claim 8, further  
18 characterized in that said housing comprises a jack to receive said power  
19 cord assembly.

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21 10. The portable grooming machine set forth in claim 9, further  
22 characterized in that said housing houses a rechargeable battery system,  
23 said rechargeable battery system recharged from said power cord  
24 assembly.